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Day : Friday
Date: 6/8/2007
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Inventor Name Search Result

Your Search was:

Last Name = SEN
First Name = RANJAN

Application#	Patent#	Status	Date Filed	Title	Inventor Name
06817441	Not Issued	161	01/09/1986	NUCLEAR FACTORS ASSOCIATED WITH TRANSCRIPTIONAL REGULATION	SEN, RANJAN
06946365	Not Issued	161	12/24/1986	METHOD OF INDUCIBLE GENE EXPRESSION	SEN, RANJAN
07155207	Not Issued	161	02/12/1988	NUCLEAR FACTORS ASSOCIATED WITH TRANSCRIPTIONAL REGULATION	SEN, RANJAN
07280173	Not Issued	161	12/05/1988	NUCLEAR FACTORS ASSOCIATED WITH TRANSCRIPTIONAL REGULATION	SEN, RANJAN
07791898	Not Issued	166	11/13/1991	NUCLEAR FACTORS ASSOCIATED WITH TRANSCRIPTIONAL REGULATION	SEN, RANJAN
08418266	5804374	150	04/06/1995	NUCLEAR FACTORS ASSOCIATES WITH TRANSCRIPTIONAL REGULATION	SEN, RANJAN
08463397	6150090	150	06/05/1995	NUCLEAR FACTORS ASSOCIATED WITH TRANSCRIPTIONAL REGULATION	SEN, RANJAN
08464364	6410516	150	06/05/1995	NUCLEAR FACTORS ASSOCIATED WITH TRANSCRIPTIONAL REGULATION	SEN, RANJAN
09800291	6751990	150	03/06/2001	PROCESS FOR MAKING RARE EARTH DOPED OPTICAL FIBER	SEN, RANJAN
09982946	6889528	150	10/22/2001	PROCESS OF MAKING RARE	SEN, RANJAN

				EARTH DOPED OPTICAL FIBRE	
10037341	Not Issued	41	01/04/2002	Nuclear factors associated with transcriptional regulation	SEN, RANJAN
10037415	Not Issued	41	01/04/2002	Nuclear factors associated with transcriptional regulation	SEN, RANJAN
10106868	6851281	150	03/27/2002	METHOD OF FABRICATING RARE EARTH DOPED OPTICAL FIBRE	SEN, RANJAN
10600394	Not Issued	71	06/20/2003	Method and system for maintaining service dependency relationships in a computer system	SEN, RANJAN K.
10600977	Not Issued	83	06/20/2003	Method and system for tracking kernel resource usage	SEN, RANJAN K.

Inventor Search Completed: No Records to Display.

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Published before June 2003
Terms used
service web network management dynamic start error fault

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Relevance scale

1 Fast detection of communication patterns in distributed executions
Thomas Kunz, Michiel F. H. Seuren
November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research CASCON '97**
Publisher: IBM Press
Full text available: pdf(4.21 MB) Additional Information: full citation, abstract, references, index terms

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

2 Computing curricula 2001
September 2001 **Journal on Educational Resources in Computing (JERIC)**
Publisher: ACM Press
Full text available: pdf(613.63 KB) html(2.78 KB) Additional Information: full citation, references, citings, index terms

3 Cluster-based scalable network services
Armando Fox, Steven D. Gribble, Yatin Chawathe, Eric A. Brewer, Paul Gauthier
October 1997 **ACM SIGOPS Operating Systems Review , Proceedings of the sixteenth ACM symposium on Operating systems principles SOSP '97**, Volume 31 Issue 5
Publisher: ACM Press
Full text available: pdf(2.42 MB) Additional Information: full citation, references, citings, index terms

4 A dynamic view-oriented group communication service
Roberto De Prisco, Alan Fekete, Nancy Lynch, Alex Shvartsman
June 1998 **Proceedings of the seventeenth annual ACM symposium on Principles of distributed computing PODC '98**

Publisher: ACM Press
Full text available: pdf(3.91 MB) Additional Information: full citation, references, citings, index terms

5 Session summaries from the 17th symposium on operating systems principle (SOSP'99)
Jay Lepreau, Eric Eide
April 2000 **ACM SIGOPS Operating Systems Review**, Volume 34 Issue 2
Publisher: ACM Press
Full text available: pdf(3.15 MB) Additional Information: full citation, index terms

6 Workshop on compositional software architectures: workshop report
May 1998 **ACM SIGSOFT Software Engineering Notes**, Volume 23 Issue 3
Publisher: ACM Press
Full text available: pdf(2.91 MB) Additional Information: full citation, index terms

7 Managing real-time services in multimedia networks using dynamic visualization and high-level controls
Mun Choon Chan, Giovanni Pacifici, Rolf Stadler
January 1995 **Proceedings of the third ACM international conference on Multimedia MULTIMEDIA '95**
Publisher: ACM Press
Full text available: htm(67.72 KB) Additional Information: full citation, references, citings, index terms

8 Astrolabe: A robust and scalable technology for distributed system monitoring, management, and data mining
Robbert Van Renesse, Kenneth P. Birman, Werner Vogels
May 2003 **ACM Transactions on Computer Systems (TOCS)**, Volume 21 Issue 2
Publisher: ACM Press
Full text available: pdf(341.62 KB) Additional Information: full citation, abstract, references, citings, index terms

Scalable management and self-organizational capabilities are emerging as central requirements for a generation of large-scale, highly dynamic, distributed applications. We have developed an entirely new distributed information management system called Astrolabe. Astrolabe collects large-scale system state, permitting rapid updates and providing on-the-fly attribute aggregation. This latter capability permits an application to locate a resource, and also offers a scalable way to track sys ...

Keywords: Aggregation, epidemic protocols, failure detection, gossip, membership, publish-subscribe, scalability

9 Practical byzantine fault tolerance and proactive recovery
Miguel Castro, Barbara Liskov
November 2002 **ACM Transactions on Computer Systems (TOCS)**, Volume 20 Issue 4
Publisher: ACM Press
Full text available: pdf(1.63 MB) Additional Information: full citation, abstract, references, citings, index terms, review

Our growing reliance on online services accessible on the Internet demands highly available systems that provide correct service without interruptions. Software bugs, operator mistakes, and malicious attacks are a major cause of service interruptions and they can cause arbitrary behavior, that is, Byzantine faults. This article describes a new replication algorithm, BFT, that can be used to build highly available systems that tolerate Byzantine faults. BFT can be used in practice to implement re ...

Keywords: Byzantine fault tolerance, asynchronous systems, proactive recovery, state machine replication, state transfer

10 Session 2: secure Web services: Designing a distributed access control processor for network services on the Web
Reiner Kraft
November 2002 **Proceedings of the 2002 ACM workshop on XML security XMLSEC '02**
Publisher: ACM Press
Full text available: pdf(301.14 KB) Additional Information: full citation, abstract, references, citings, index terms

The service oriented architecture (SOA) is gaining more momentum with the advent of network services on the Web. A programmable and machine accessible Web is the vision of many,and might represent a step towards the semantic Web. However, security is a crucial requirement for the serious usage and adoption of the Web services technology. This paper enumerates design goals for an access control model for Web services. It then introduces an abstract general model for Web services components, along ...

Keywords: Web services, XML, access control, security

11 Cluster resource management: An integrated experimental environment for distributed systems and networks
Brian White, Jay Lepreau, Leigh Stoller, Robert Ricci, Shashi Guruprasad, Mac Newbold, Mike Hibler, Chad Barb, Abhijeet Joglekar
December 2002 **ACM SIGOPS Operating Systems Review**, Volume 36 Issue SI
Publisher: ACM Press
Full text available: pdf(2.10 MB) Additional Information: full citation, abstract, references, index terms

Three experimental environments traditionally support network and distributed systems research: network emulators, network simulators, and live networks. The continued use of multiple approaches highlights both the value and inadequacy of each. Netbed, a descendant of Emulab, provides an experimentation facility that integrates these approaches, allowing researchers to configure and access networks composed of emulated, simulated, and wide-area nodes and links. Netbed's primary goals are *ease* ...

12 Manageability, availability, and performance in porcupine: a highly scalable, cluster-based mail service
Yasushi Saito, Brian N. Bershad, Henry M. Levy
August 2000 **ACM Transactions on Computer Systems (TOCS)**, Volume 18 Issue 3
Publisher: ACM Press
Full text available: pdf(2.52 MB) Additional Information: full citation, abstract, references, citings, index terms

This paper describes the motivation, design and performance of Porcupine, a scalable mail server. The goal of Porcupine is to provide a highly available and scalable electronic mail service using a large cluster of commodity PCs. We designed Porcupine to be easy to manage by emphasizing dynamic load balancing, automatic configuration, and graceful

degradation in the presence of failures. Key to the system's manageability, availability, and performance is that sessions, data, and underlying ...

Keywords: cluster, distributed systems, email, group membership protocol, load balancing, replication

13 Design and evaluation of a conit-based continuous consistency model for replicated services
Haifeng Yu, Amin Vahdat
August 2002 **ACM Transactions on Computer Systems (TOCS)**, Volume 20 Issue 3
Publisher: ACM Press
Full text available: pdf(406.85 KB) Additional Information: full citation, abstract, references, citings, index terms

The tradeoffs between consistency, performance, and availability are well understood. Traditionally, however, designers of replicated systems have been forced to choose from either strong consistency guarantees or none at all. This paper explores the semantic space between traditional strong and optimistic consistency models for replicated services. We argue that an important class of applications can tolerate relaxed consistency, but benefit from bounding the maximum rate of inconsistent access ...

Keywords: Conit, consistency model, continuous consistency, network services, relaxed consistency, replication

14 Fast and flexible application-level networking on exokernel systems
Gregory R. Ganger, Dawson R. Engler, M. Frans Kaashoek, Hector M. Briceño, Russell Hunt, Thomas Pinckney
February 2002 **ACM Transactions on Computer Systems (TOCS)**, Volume 20 Issue 1
Publisher: ACM Press
Full text available: pdf(500.67 KB) Additional Information: full citation, abstract, references, citings, index terms

Application-level networking is a promising software organization for improving performance and functionality for important network services. The Xok/ExOS exokernel system includes application-level support for standard network services, while at the same time allowing application writers to specialize networking services. This paper describes how Xok/ExOS's kernel mechanisms and library operating system organization achieve this flexibility, and retrospectively shares our experiences an ...

Keywords: Extensible systems, OS structure, fast servers, network services

15 Special feature: Report on a working session on security in wireless ad hoc networks
Levente Buttyán, Jean-Pierre Hubaux
January 2003 **ACM SIGMOBILE Mobile Computing and Communications Review**, Volume 7 Issue 1
Publisher: ACM Press
Full text available: pdf(2.50 MB) Additional Information: full citation, references, citings

16 Centaurus: an infrastructure for service management in ubiquitous computing environments
Lalana Kagal, Vladimir Korolev, Sasikanth Avancha, Anupam Joshi, Tim Finin, Yelena Yesha
November 2002 **Wireless Networks**, Volume 8 Issue 6

Publisher: Kluwer Academic Publishers
Full text available: pdf(553.67 KB) Additional Information: full citation, abstract, references, citings, index terms

In the near future, we will see dramatic changes in computing and networking hardware. A large number of devices (e.g., phones, PDAs, even small household appliances) will become computationally enabled. Micro/nano sensors will be widely embedded in most engineered artifacts, from the clothes we wear to the roads we drive on. All of these devices will be (wirelessly) networked using Bluetooth, IEEE 802.15 or IEEE 802.11 for short range connectivity creating pervasive environments. In this age wh ...

Keywords: mobile computing, pervasive computing, service management, ubiquitous computing

17 Business-to-business interactions: issues and enabling technologies
B. Medjahed, B. Benatallah, A. Bouguettaya, A. H. H. Ngu, A. K. Elmagarmid
May 2003 **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 12 Issue 1
Publisher: Springer-Verlag New York, Inc.
Full text available: pdf(558.34 KB) Additional Information: full citation, abstract, citings, index terms

Business-to-Business (B2B) technologies pre-date the Web. They have existed for at least as long as the Internet. B2B applications were among the first to take advantage of advances in computer networking. The Electronic Data Interchange (EDI) business standard is an illustration of such an early adoption of the advances in computer networking. The ubiquity and the affordability of the Web has made it possible for the masses of businesses to automate their B2B interactions. However, several issu ...

Keywords: B2B Interactions, Components, E-commerce, EDI, Web services, Workflows, XML

18 Classics in software engineering
January 1979 Divisible Book
Publisher: Yourdon Press
Full text available: pdf(22.45 MB) Additional Information: full citation, cited by, index terms

19 Extensibility safety and performance in the SPIN operating system
B. N. Bershad, S. Savage, P. Pardyak, E. G. Sirer, M. E. Fiuczynski, D. Becker, C. Chambers, S. Eggers
December 1995 **ACM SIGOPS Operating Systems Review , Proceedings of the fifteenth ACM symposium on Operating systems principles SOSP '95**, Volume 29 Issue 5
Publisher: ACM Press
Full text available: pdf(2.32 MB) Additional Information: full citation, references, citings, index terms

20 Managing resources and services: Metis: lightweight, flexible, and Web-based workflow services for digital libraries
Kenneth M. Anderson, Aaron Andersen, Neet Wadhwani, Laura M. Bartolo
May 2003 **Proceedings of the 3rd ACM/IEEE-CS joint conference on Digital libraries JCDL '03**

Publisher: IEEE Computer Society

Full text available: pdf(154.93 KB) Additional Information: full citation, abstract, references, citings, index terms

The Metis project is developing workflow technology designed for use in digital libraries by avoiding the assumptions made by traditional workflow systems. In particular, digital libraries have highly distributed sets of stake-holders who nevertheless must work together to perform shared activities. Hence, traditional assumptions that all members of a workflow belong to the same organization, work in the same fashion, or have access to similar computing platforms are invalid. The Metis approach ...

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	796646	service$2	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 14:29
S2	378279	(reference initialization configuration config system status) with (file document script text)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 14:29
S3	6275942	start$3 initializ$4 instantiat$4 open$4 run$4 enabl$3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 22:01
S4	131372	S3 with S1	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 14:33
S5	42147	S2 and S4	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 14:33
S6	13589364	@ad<"20030620"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 14:34
S7	25697	S5 and S6	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 14:34
S8	54820	"709"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 14:34
S9	6494	S7 and S8	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 14:34
S10	1175569	error inconsistency lapse fault	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 14:35
S11	7497	mib (management near2 information near2 base)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 14:35

EAST Search History

S12	4538	S10 and S11	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 14:35
S13	336	S9 and S12	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:44
S15	13	("20040261079" "6032132" "6918112" "7058942" "20020133814" "20050172285" "20060248517" "5689700" "20030172135" "20040064830" "20060107271" "20060112370" "20050283785").pn.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:49
S16	15726	709/220-221.ccls. 709/223-224.ccls. 709/230.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:49
S17	13589364	@ad<"20030620"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:49
S18	11490	S17 and S16	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:49
S19	25326	start$2 with service$2	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:50
S20	935	S18 and S19	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:50
S21	1175569	error inconsistency lapse fault	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:50
S22	642	S21 and S20	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:50
S23	378279	(reference initialization configuration config system status) with (file document script text)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:50

EAST Search History

S24	471	S23 and S22	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:50
S25	1538	S21 same S19	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:51
S26	58	S24 and S25	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:51
S27	796646	service$2	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:51
S28	6275942	start$3 initializ$4 instantiat$4 open$4 run$4 enabl$3	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:51
S29	131372	S28 with S27	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:51
S30	42147	S23 and S29	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:51
S31	25697	S30 and S17	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:51
S32	54820	"709"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:51
S33	6494	S31 and S32	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:51
S34	7497	mib (management near2 information near2 base)	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:51
S35	4538	S21 and S34	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:51

EAST Search History

S36	336	S33 and S35	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 19:51
S37	42	S26 not S36	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 20:00
S38	49095	web with service$2	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 22:02
S39	21258	microsoft.as.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 22:02
S40	46622	S38 not S39	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 22:02
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S42	26621	S41 and S40	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 22:02
S43	26621	S41 and S40	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 22:33
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S46	46622	S44 not S45	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 23:35
S47	13589364	@ad<"20030620"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 23:35

EAST Search History

S48	26621	S47 and S46	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/07 23:35
S49	49095	web with service$2	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/08 10:31
S50	21258	microsoft.as.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/08 10:31
S51	46622	S49 not S50	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/08 10:31
S52	13589364	@ad<"20030620"	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/08 10:31
S53	26621	S52 and S51	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	ON	2007/06/08 10:31